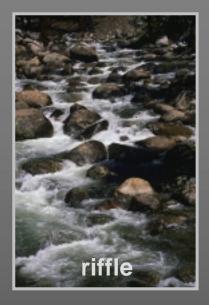


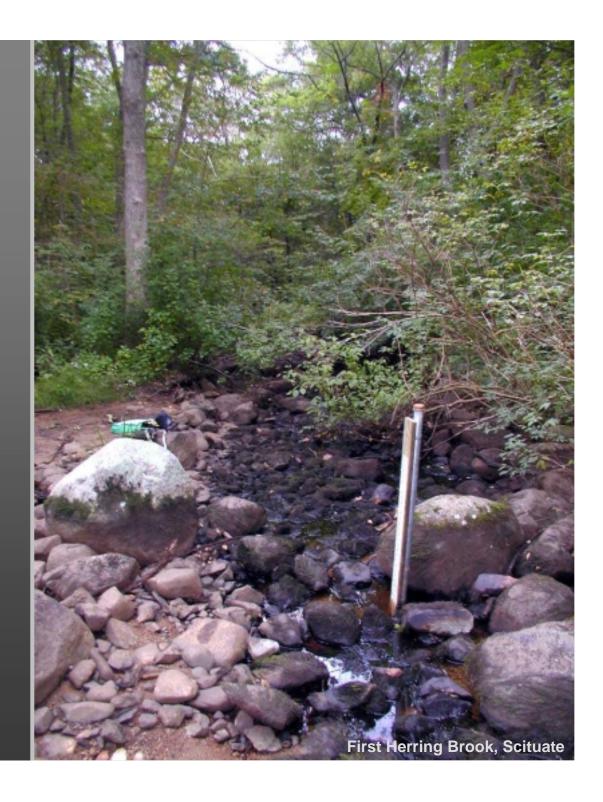
## changing flows change... Habitat Water Quality Connectivity Aquatic Life Community Structure







Habitat





Beaver Brook, Waltham

### **Aquatic Life**

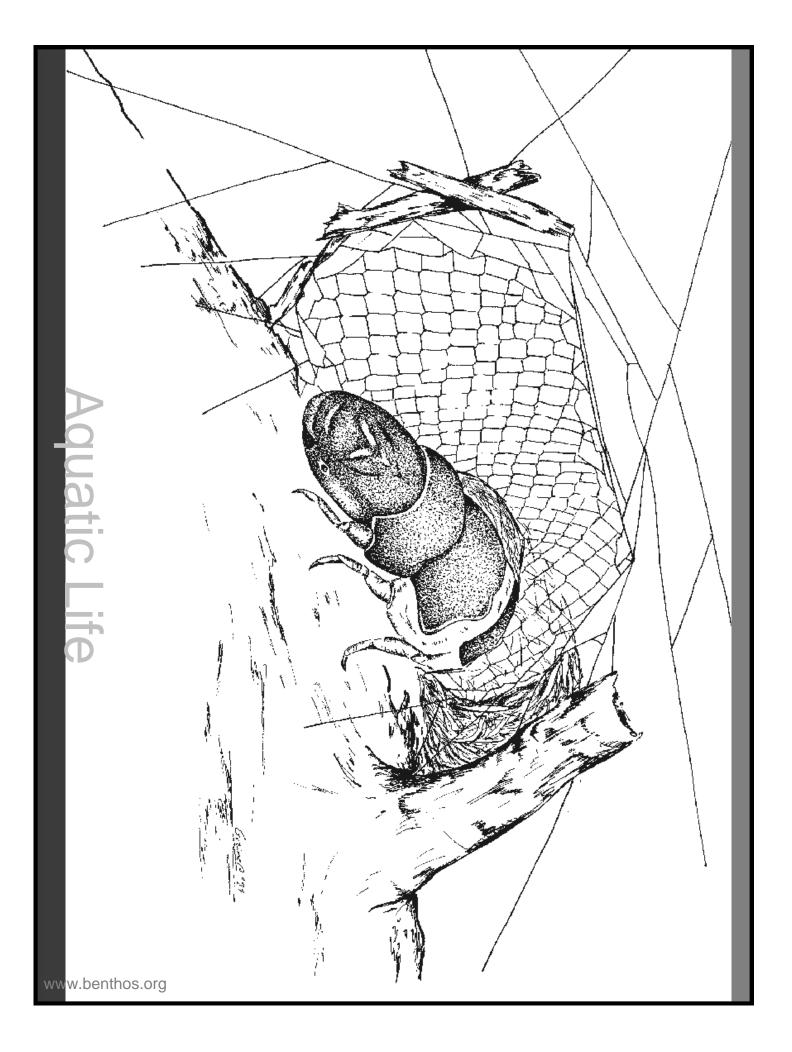




www.benthos.org



www.gen.umn.edu/faculty\_staff/hatch/fishes



### Aquatic Life



**Trout Nest** 

#### **Community Structure**



Mulinia coloradoensis depends on the flow of fresh water.

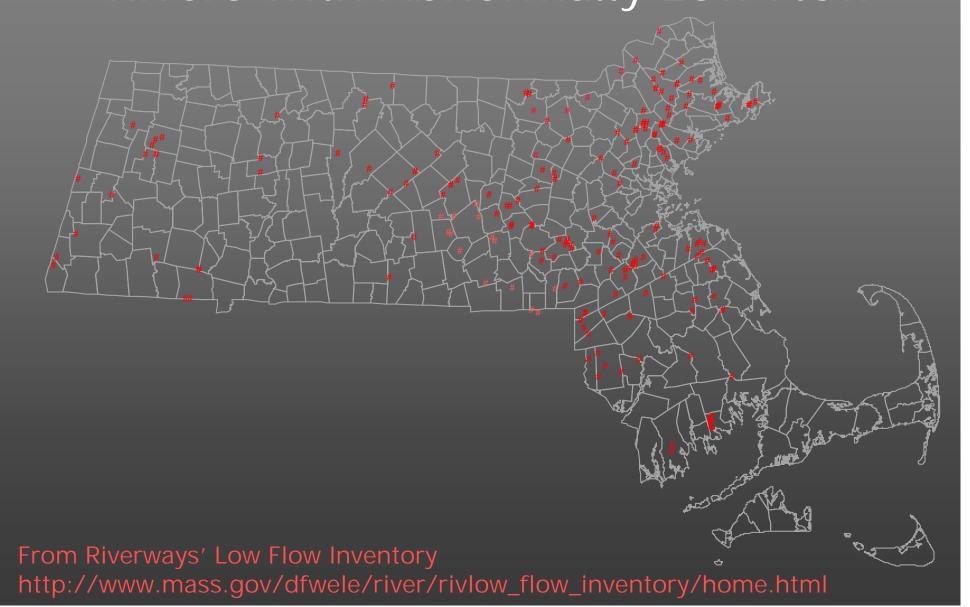


Chione cortezi prefers the saltier conditions that exist without freshwater inflow from the Colorado River.

(Photos taken from the Centro de Estudios de Almejas Muertas at the University of Arizona.)

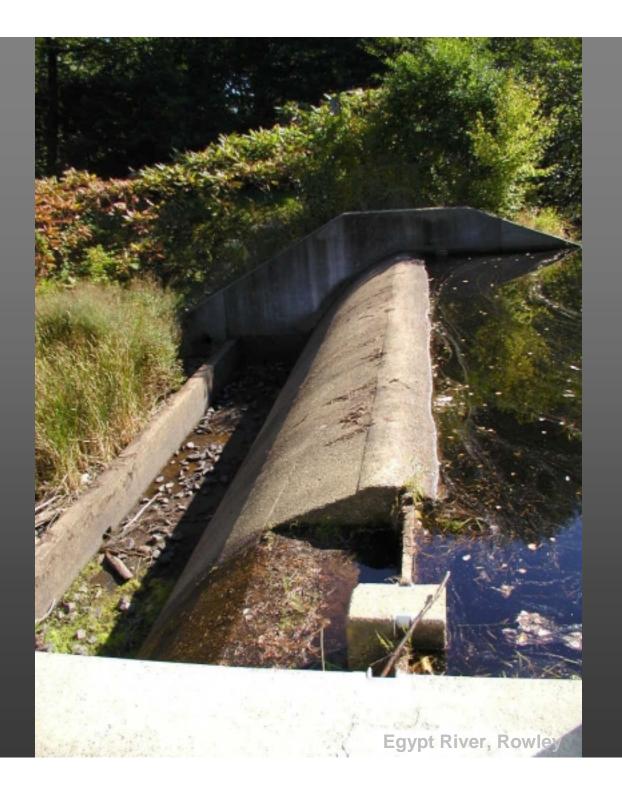


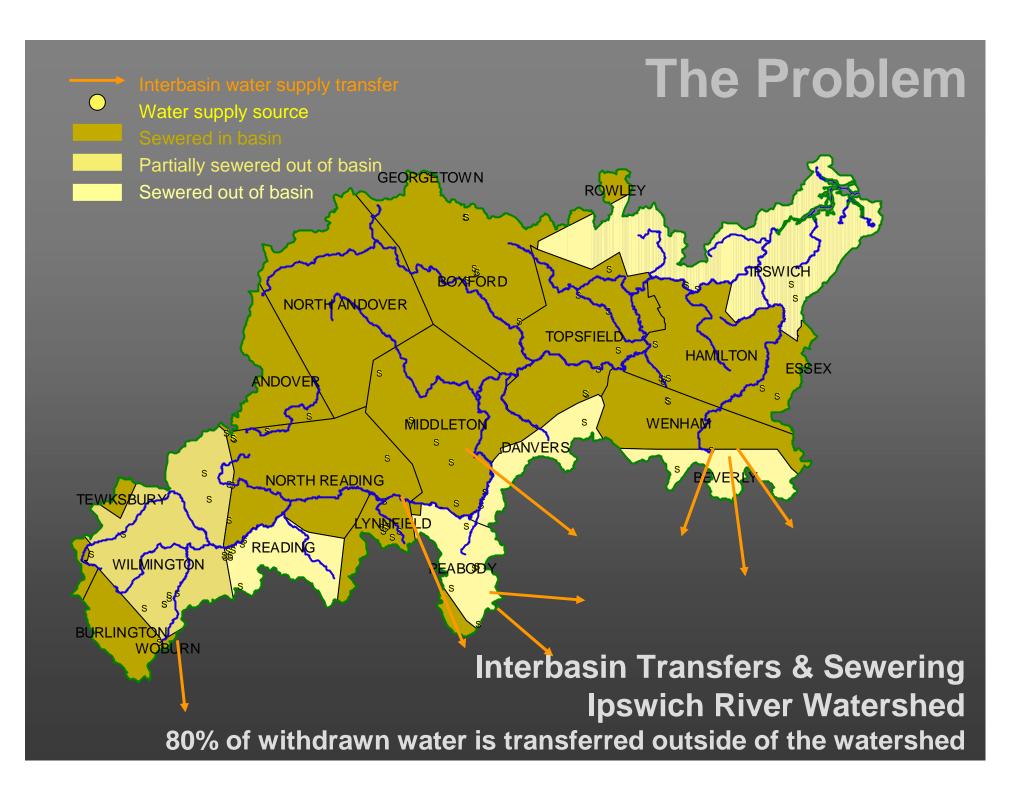
# The Problem Rivers With Abnormally Low Flow



### The Problem

**Dams** 





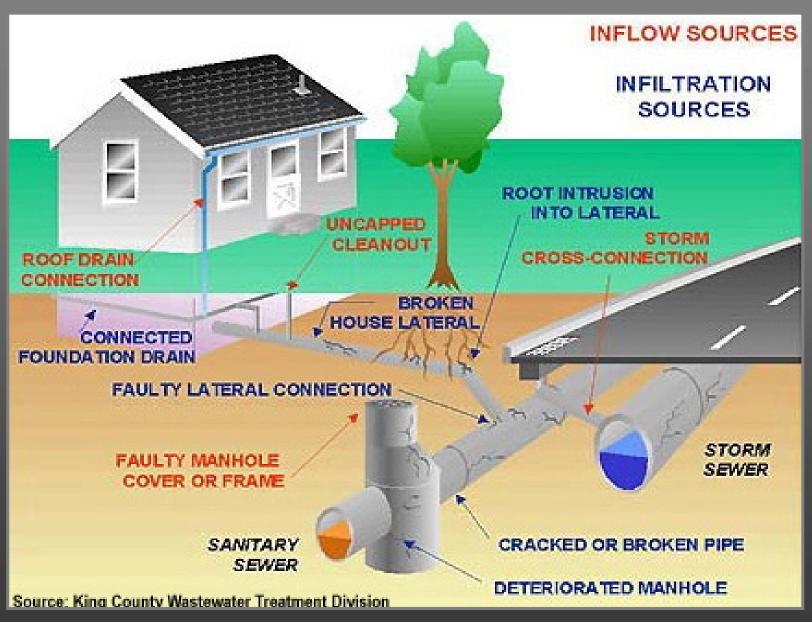


### The Problem



**Lawn Irrigation** 

#### The Problem: Inflow & Infiltration



<u>dnr.metrokc.gov/wtd/ i-i/whatis.htm</u>

# River Instream Flow Stewards (RIFLS) Stream Flow Monitoring Sites

